

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME D.A. STUART OIL CO. OF AMERICA		EMERGENCY TELEPHONE NO. (312) 655-4595
ADDRESS (Number, Street, City, State, and ZIP Code) 7575 PLAZA CT., WILLOWBROOK, IL 60521		
CHEMICAL NAME AND SYNONYMS NOT APPLICABLE		TRADE NAME AND SYNONYMS IRONSIDES ACH-M
CHEMICAL FAMILY Petroleum Hydrocarbon	FORMULA Mixture	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Petroleum oil				< 90	5mg/m ³

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	>400	SPECIFIC GRAVITY (H ₂ O=1)	0.89
VAPOR PRESSURE (mm Hg.)	N.D.	PERCENT VOLATILE BY VOLUME (%)	N.D.
VAPOR DENSITY (AIR=1)	N.D.	EVAPORATION RATE (BuAc =1)	<1
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR	Smooth gel/Mild odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	>350°F (COC)	FLAMMABLE LIMITS	Loi	Uei
EXTINGUISHING MEDIA	CO ₂ , foam, dry chemical			
SPECIAL FIRE FIGHTING PROCEDURES	None special			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	N.D.
EFFECTS OF OVEREXPOSURE	Prolonged or frequent skin contact may cause irritation.
EMERGENCY AND FIRST AID PROCEDURES	EYE CONTACT WITH PRODUCT: FLUSH EYES IMMEDIATELY WITH WATER & GET MEDICAL ATTENTION.

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)		Strong oxidizing agents	
HAZARDOUS DECOMPOSITION PRODUCTS		CO, CO ₂	
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
Soak up with an inert absorbent compound.	
WASTE DISPOSAL METHOD	
Treat as petroleum oil following local & corporate regulations.	

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Specify type)			
None special			
VENTILATION	LOCAL EXHAUST	"	SPECIAL
	MECHANICAL (General)	"	OTHER
PROTECTIVE GLOVES		Recommended	EYE PROTECTION
			Safety glasses
OTHER PROTECTIVE EQUIPMENT			
None special			

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Store drums closed, away from extreme temperatures.
OTHER PRECAUTIONS	Contains mineral oil. Do not breathe mist. Use good personal hygiene.

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